

METHOD AND APPARATUS FOR DISPLAYING  
INFORMATION WITH A HEAD-UP DISPLAY

ABSTRACT OF THE DISCLOSURE

A vehicle (10) has a camera (12) generating infrared images of a scene ahead, and a display (16) which reflects images from the vehicle windshield (17). Images from the camera are displayed at night, and operational information about the vehicle is displayed during the day. The display includes a mirror (41) with day and night reflective surfaces (162, 163) that have different optical characteristics and are arranged at an angle. The mirror is pivoted to transition the display unit between modes. In an alternative display (216), radiation from the two-sided mirror travels directly to a driver, without reflection from a windshield.